

: DOCUMENTATION SHEET

NAL PROJECT DOCUMENT

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: 4. Title/Sub-title
: Finite element Analysis of MiG-21 Rudder

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: 12. Keywords Rudder, ASKA

: 13. Abstract:

: Stress analysis of metallic rudder of MiG-21 is carried
: out by finite element technique using the software ASKA
: along with interactive graphic processors. The results
: of the analysis indicate, that the rudder is stiffness
: critical. The obtained deflections can be used to
: define the design allowables in the design of a compos-
: ite rudder for MiG-21.

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